WRITTEN TEST FOR THE POST OF DATA BASE SUPERVISOR
GR. RS.6500-10500 (RSRP).

PAPER

Time: - 3 Hours   Date:-11.04.2008
Max. Marks:-100

Note:- 1) Attempt any five questions from part 'B'
2) Answer may be written English or Hindi.
3) Unused pages of answer sheet must be crossed.
4) Mobiles / Calculators / Pagers etc are not allowed in the exam hall, otherwise candidate will be debarred from the exam.

PART-'A'

Question No. 1 Choose appropriate answers   (10 Marks)

1) Fastest port is.
   A) Serial B) Parallel C) USB

2) Following is not a network component
   A) Router B) Switch C) LAN

3) IP configuration command is used for
   A) LAN setting of the Node B) To check the entire route of the network C) either A or B

4) The ping command is used for
   A) LAN setting of the Node B) To check the connectivity of the network C) To check the entire route of the network

5) Following is/are the example(s) of WAN-
   A) PRS B) Rail-net C) UTS D) All of above

6) Which IP address (IP address of proxy server) you will check if you are checking internet connectivity by ping command in central railway.
   A) 10.31.2.17 B) 10.31.2.55 C) 10.31.2.9

7) Unix is an example of –
   A)   Batch processing operating system.
   B)   Time sharing operating system.
   C)   Real time sharing system.
   D)   None of the above.

8) Indexed sequential files is created using the following storage –
   A)   Direct access
   B)   Sequential access
   C)   Random access
   D)   Primary

9) SQL is relationally –
   A)   Complete language
   B)   Incomplete language
   C)   Can not handle certain relations
   D)   Sound language

10) In FOXPRO – the command is used to delete all the records from a data base file permanently
   A) GO   B) DELETE   C) ZAP   D) APPEND

Question No. 2 Fill in the blanks
(10 Marks)

1) In FOXPRO – The .... command is used to insert a record in to the data base file.
2) The type of memory in which information is stored permanently in ....
3) UNIX has a .... file organization.
4) The primary key index does not allow .... data in a field.
5) .... is a main circuit board of a computer.
6) To connect to networks with different protocol .... is used.
7) Software in which Data is stored in a efficient manner is called a ....
8) A Database file consists of one or more .... which are made up of one or more ....
9) A .... is a resource sharing Data communication network, which is Limited in Geographical scope to the range of 10 Mtr to 10 Kms.
10) .... is the equipment which converts streams into packets by performing some local operation and generates an appropriate packets, sends it into network.

Question No. 3 Write the full form
(10 Marks)

1)	MICR	6)	ATM
2)	CAD	7)	FTP
3)	EPROM	8)	HTTP
4)	RDBMS	9)	HSM
5)	CSMA/CD	10)	OSI

Question No. 4 State True & False
(10 Marks)

1) In a SqL query, the result of the outer query is passed to the inner query.
2) Any colour or shade can be displayed on a VGA monitor.
3) A directory is also a file in UNIX.
4) Network layer in OSI Architecture provides a true end and to end connection.
5) Real time operating system must be batch processing system.
6) In ROM the information remains even when the power is switched off.
7) The user can interact with FOXPRO using either the mouse or keyboard.
8) ANSI, IEEE & FTSC are standered making organizations.
9) When a LAN is extended using different type of physical link a bridge is used.
10) Message switching can be used in real time basis.

Question No. 5

A) Match the following
(05 Marks)

1) LAN Topology	Road Network
2) Referential Integrity	Power supply
3) Input Device	Primary Key
4) SMPS	Star Network
5) LINUX	Internet
	Operating system
	Foreign Key
	Key Board

B) What are the various data base packages are available in the market today.
(05 Marks)

PART-'B'

Question no 1

(10 Marks)

    A) Write the hard ware requirement to run FOXPRO 2.5

    B) Write the power tools available to make the task of the programmer in FOXPRO.

Question no 2 What is LAN? & what are the basic component of LAN & give the function of each component in a sentence.   **(10 Marks)**

Question no 3   **(10 Marks)**

    A) What are the seven layers in OSI. Describe each layer briefly.

    B) What are the objectives and goals of a networking?

Question no 4   **(10 Marks)**

    A) What strategies are available for backing-up an Oracle database? Describe each in brief.

    B) Why and when should I back up my database? Describe?

Question no 5 Explain in detail about all the basic modules used for personnel computer system. Write about the functional details of each modules such as memory, display, computing processor, power supply etc.   **(10 Marks)**

Question no 6 Attempt any two   (10 Marks)

    i)   What is oracle forms and what is it used for.

    ii)   What is ASP and what is it used for.

    iii)   How does one get oracle data into MS-Excel

OR

Write an Essay on "use of computers in promoting Rajbhasha"

***** THE END *****